

#### Cambridge International AS & A Level

ACCOUNTING 9706/21
Paper 2 Structured Questions May/June 2020

MARK SCHEME

Maximum Mark: 90



Students did not sit exam papers in the June 2020 series due to the Covid-19 global pandemic.

This mark scheme is published to support teachers and students and should be read together with the question paper. It shows the requirements of the exam. The answer column of the mark scheme shows the proposed basis on which Examiners would award marks for this exam. Where appropriate, this column also provides the most likely acceptable alternative responses expected from students. Examiners usually review the mark scheme after they have seen student responses and update the mark scheme if appropriate. In the June series, Examiners were unable to consider the acceptability of alternative responses, as there were no student responses to consider.

Mark schemes should usually be read together with the Principal Examiner Report for Teachers. However, because students did not sit exam papers, there is no Principal Examiner Report for Teachers for the June 2020 series.

Cambridge International will not enter into discussions about these mark schemes.

Cambridge International is publishing the mark schemes for the June 2020 series for most Cambridge IGCSE™ and Cambridge International A & AS Level components, and some Cambridge O Level components.

#### **Generic Marking Principles**

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

#### GENERIC MARKING PRINCIPLE 1:

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.

#### **GENERIC MARKING PRINCIPLE 2:**

Marks awarded are always whole marks (not half marks, or other fractions).

#### **GENERIC MARKING PRINCIPLE 3:**

Marks must be awarded **positively**:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit is given for valid answers which go beyond the scope of the syllabus and mark scheme, referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

#### **GENERIC MARKING PRINCIPLE 4:**

Rules must be applied consistently e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

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#### **GENERIC MARKING PRINCIPLE 5:**

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

#### **GENERIC MARKING PRINCIPLE 6:**

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

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Question			Answer			Marks
1(a)	Profits and losses should be shared equ	ally (1) among p	artners			1
1(b)	Avoidance of disputes (1). The deed usually states management responsibilities (1) and also agreed limits on drawings and agreed amounts of fixed capital (1). Ensure partners are properly rewarded (or penalised) for their contributions (1). The deed may include rewards for partners who have undertaken more management responsibilities/provided more capital/and penalised partners whose drawings have been the most (1)  Max 2 reasons (2 marks per reason, 1 mark for identifying + 1 mark for developing)  Accept other valid responses					
1(c)	Incom	-	za and Noc ear ended	1 December 2019		11
		\$	\$			
	Revenue		45 400			
	Less: Administrative expenses <b>W1</b>	17 070		(2)OF		
	Wages of assistant <b>W2</b>	15 750		(2)OF		
	Interest on loan from Hamza	600		(1)		
	Loss on disposal of equipment <b>W3</b> Depreciation	920		(2)OF		
	Equipment <b>W4</b>	1 350		(2)OF		
	Motor vehicle	<u>2 560</u>		(1)		
			(38 250)	(-)		
	Profit for year		7 150	(1)OF		
	<b>W1</b> Administrative expenses \$18 270 – \$1 200 (1) = \$17 070 (1) <b>OF</b>					
	W2 Wages of assistant					
	\$15 540 + \$210 (1) = \$15 750 (1)OF					
	W3 Loss on disposal of equipment	(4)OE @1 400	400 <b>–</b> loca (	020		
	\$2000 - \$600 = \$1 400 (1) - \$480 = \$920 <b>W4</b> Depreciation of equipment	(1) <b>OF</b> \$1400-	40U = 10SS S	920		
	$15\% \times (\$11000 - 2000)$ (1) = \$1 350 (1)	OF				

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Question			An	swer	Marks
1(d)	Profit for the year Add interest on drawings Hamza: $10\% \times \$2900$ Less: salary (Noor) Shares of residual loss Hamza ( $\frac{3}{5} \times \$3560$ ) Noor ( $\frac{2}{5} \times \$3560$ )	Appropriation acc \$ 2 136 <u>1 424</u>	count for the \$ 7 150 290 7 440 11 000 (3 560)	year ended 31 December 2019  (1)  (1)  (1)OF  (1)OF	
1(e)	Calculation of Hamza's current Opening balance (dr) Add loan interest Less interest on drawings Less drawings Less share of residual loss Closing balance Note: <b>OF</b> for closing balance o	\$ (1 290) 600 (290) (16 900) (2 136) (20 016)	(1)OF (1)OF (1) (1)OF (1)OF	ing balance taken into account.	

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Question	Answer	Marks
1(f)	Advice (1)	5
	Option 1 (maximum 2 marks)	
	Potential benefits	
	<ul> <li>Permanent source of finance/no security required (1)</li> <li>May bring new ideas/skills (1)</li> <li>Shared management responsibilities (1)</li> </ul>	
	Potential drawbacks  May not be possible to find a suitable partner (1) Risk of disagreements (1) Profits will have to be shared (1)	
	Option 2 (maximum 2 marks)	
	Potential benefits	
	<ul> <li>Profits still shared by the two partners (1)</li> <li>Fixed interest rate will aid planning (1)</li> </ul>	
	Potential drawbacks  Interest charges will reduce profits (1)  May not be able to obtain bank loan (1)  Have too little collateral to offer for size of loan (1)	
	Accept over valid responses	

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Question	Answer	Marks
2(a)	(i) Trade payables turnover (in days) Trade payables/Credit purchases $\times$ 365 (1) $\frac{10400}{120120} \times 365 = 32 \text{ days (1)}$	6
	(ii) Trade receivables turnover (in days) Trade receivables/Credit sales $\times$ 365 (1) $\frac{9300}{\left(\frac{2}{3}\times145500\right)}\times365=35 \text{ days (1)}$	
	(iii) Current ratio  Current assets: current liabilities (1)  28 100:18 400 = 1.53:1 (1)	
2(b)	<ul> <li>She is paying trade payables more quickly than before (1) – by 2 days (1)OF</li> <li>Trade receivables are paying more slowly than before (1) – by 3 days (1)OF</li> <li>Trade payables used to be paid more slowly than trade receivables paid Ayesha; now the position is reversed (1) – there was a favourable gap of 2 days, now the gap is adverse by 3 days (1)</li> <li>The current ratio has weakened so that the business will it more difficult than before to meet its immediate obligations (1)</li> <li>A bank loan is due for repayment within the next twelve months. The business may find it difficult to meet the repayment date (1). If this obligation cannot be met the business is at risk of assets being seized (1)</li> <li>Max 7</li> <li>Accept other valid points.</li> </ul>	7

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Question	Answer	Marks
2(c)	Same type of ownership (1) Same trade (1) Similar size (1) Same business cycle (1)	2
	Max 2 marks	
	Accept other valid responses	

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			1 OBEN		
Question			Ans	wer	
3(a)	Reve Omis Princ Origi	mission (1) ersal (1) ession (1) ciple (1) nal entry (1) pensating (1) 2			
3(b)		General Jou	rnal		
			Dr	Cr	
			\$	\$	
	1	Sales returns	90		(4)
		Suspense		90	(1)
	2	Suspense	870		(4)
		Purchases		870	(1)
	3	Suspense	360		(1)
		Discounts allowed		180	(1)
		Discounts received		180	(1)

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Question	Answer						Marks	
3(c)		Su	spense A	ccount				4
		\$			\$			
	Purchases	870	<b>(1)</b> Di	fference in TB totals	1 140	(1)		
	Discounts allowed	180		les returns	90	(1)		
	Discounts received	180	(1)					
		1 230	_		1 230	_		
	Do not accept a single	e debit er	ntry for \$3	360 in a discounts ac	count.			
3(d)	Corrected profit for ye	ear endec	d 30 Sept	ember 2019				4
			\$					
	Draft profit		68 440					
	Less sales returns		(90	) <b>(1)</b>				
	Add reduction in pur	chases	870	(1)				
	Add change to disco	unts	360	(1)OF				
	Corrected profit		69 580	(1)OF				

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Question	Answer	Marks
4(a)	<ul> <li>Takes account of fixed costs when determining product cost (1); as a result is useful in setting a selling price for a product (1).</li> <li>Avoids separating fixed costs from variable costs (1) which can be difficult and so lead to inaccuracies (1)</li> <li>As it takes account of all costs it conforms to the matching principle (1) which requires costs to be matched to revenues for a period (1)</li> <li>As it takes account of all costs (1) it is the recognised method for inventory valuation (1)</li> <li>Max 3 advantages</li> <li>Each advantage 1 mark for main point + 1 mark for development.</li> <li>Accept other valid responses.</li> </ul>	6

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Question	Answer											
4(b)		Total	Baking department	Decoration Department	Stores	Maintenance		7				
			\$	\$	\$	\$						
	Budgeted overheads already apportioned	57 620	38 530	14 150	2 800	2 140						
	Machinery depreciation	33 600	19 800	6 000	2 400	5 400	(1)					
	Power	45 500	28 600	11 700	1 300	3 900	(1)					
	Lighting and heating	18 000	10 250	5 750	1 500	500	(1)					
	Total overheads	154 720	97 180	37 600	8 000	11 940						
	Reapportionment of first service department overheads		5 120	1 920	(8 000)	960	(1)OF					
	Subtotal		102 300	39 520		12 900						
	Reapportionment of second service department overheads		7 500	5 400		(12 900)	(1)OF					
	Total overheads		109 800	44 920								
			(1)OF	(1)OF			•					
4(c)	Overhead absorption rates				•			4				
	Baking department: $\frac{$109800}{86400  (1)} = $1.27$ per machine hour <b>(1)OF</b>											
	Decoration department: $\frac{\$44920}{51000 (1)} = \$0.88 \text{ per labour hour (1)OF}$											

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Question	Answer	Marks
4(d)	Overheads may be under-absorbed because: actual overheads exceed forecast overheads (1); actual production is less than forecast production (1) calculation error (1).	2
	Max 2 Accept other valid responses	
4(e)	Profit when offer is accepted Contribution from usual production: $$49 - 25 = $24 (1)$ Contribution from offer: $$45 - 25 = $20 (1)$ Fixed costs are: $$12 \times 850 = $10 200$	6
	Contribution from usual production: 570 units $\times$ \$24 = \$13 680 <b>(1)OF</b> Contribution from offer: 280 $\times$ \$20 = \$5 600 <b>(1)OF</b>	
	Profit: Contribution \$19 280 – \$10 200 <b>(1)</b> = \$9 080 <b>(1)OF</b>	
4(f)	Advice (1)	5
	Accept the offer	
	The company will make more profit in April than had been forecast (1). Profit in April would have been: $(680 \text{ units} \times \$24)(1) - \$10200$ , i.e. $\$6120(1)$	
	The company will be in full production (1) avoiding cancellation of orders for materials which might cause a deterioration in relationships with suppliers (1), avoiding laying off staff which could affect morale (1), avoiding machinery lying idle which could affect their efficiency (1)	
	Max 2 marks Accept other valid points.	
	Not accept the offer	
	The company will have to reduce its usual output (1) which could mean that some regular customers' orders are not fulfilled (1) leading to a possible long-term loss of their custom (1) and a loss of profit if the special offer is not repeated (1).	

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Question	Answer	Marks
4(f)	The directors need to consider whether the order can be produced to the quality expected (1), whether the labour force have the appropriate skills for the products if they vary from the normal output (1) and whether the machinery is capable of producing the products if they vary from the normal output (1).	
	Max 2 marks Accept other valid points.	

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